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(74) Agent: PLOUGMANN & VINGTOFT A/S; Sundkrogs-
gade 9, P.O. Box 831, DK-2100 Copenhagen Ø (DK).

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(71) Applicant (for all designated States except US): SAN-
TARIS PHARMA A/S [DK/DK]; Bøge Allé 3, DK-2970
Hørsholm (DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ELMÉN, Joacim
[SE/SE]; Olof af Acrelsväg 3, 6tr, SE-171 64 Solna (SE).
WAHLESTEDT, Claes [SE/SE]; Strandvägen 29, SE-114
56 Stockholm (SE). LIANG, Zicai [SE/SE]; Sevensvägen
4, SE-174 46 Sundbyberg (SE). SØRENSEN, Anders,
Malling [DK/DK]; Gråstensgade 3, 1. tv., DK-1677
København V (DK). ØRUM, Henrik [DK/DK]; Vil-
drosvej 3, DK-3500 Værløse (DK). KOCH, Troels
[DK/DK]; Funkiavej 47, DK-2300 Copenhagen S (DK).

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(54) Title: SHORT INTERFERING RNA (siRNA) ANALOGUES

(57) Abstract: The present invention is directed to novel double-stranded short interfering (siRNA) analogues comprising locked nucleic acid (LNA) monomers. Such compounds induces sequence-specific post-transcriptional gene silencing in many organisms by a process known as RNA interference (RNAi). The compounds disclosed herein has improved properties compared to non-modified siRNAs and may, accordingly, be useful as therapeutic agents, e.g., in the treatment of various cancer forms. More particularly, the present invention is directed to siRNA analogues comprising a sense strand and an antisense strand, wherein each strand comprises 12-35 nucleotides and wherein the siRNA analogues comprise at least one locked nucleic acid (LNA) monomer.

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